



# FEBRILE RESPIRATORY ILLNESS SURVEILLANCE

## Weekly Report

**13 Feb 2020**

**Data Summary for:**

**Epi Week 5, 2020**

**Purpose:** To summarize current FRI surveillance data among Military Recruit, DoD beneficiary, and U.S.-Mexico border (CDC-CDPH-BIDS) populations

## LAB TEST RESULTS

**26 JAN – 1 FEB 2020**

**Table 1.** Summary of FRI samples received during Epi Week 5 from Military Recruit, DoD beneficiary, and CDC-CDPH-BIDS border sites.

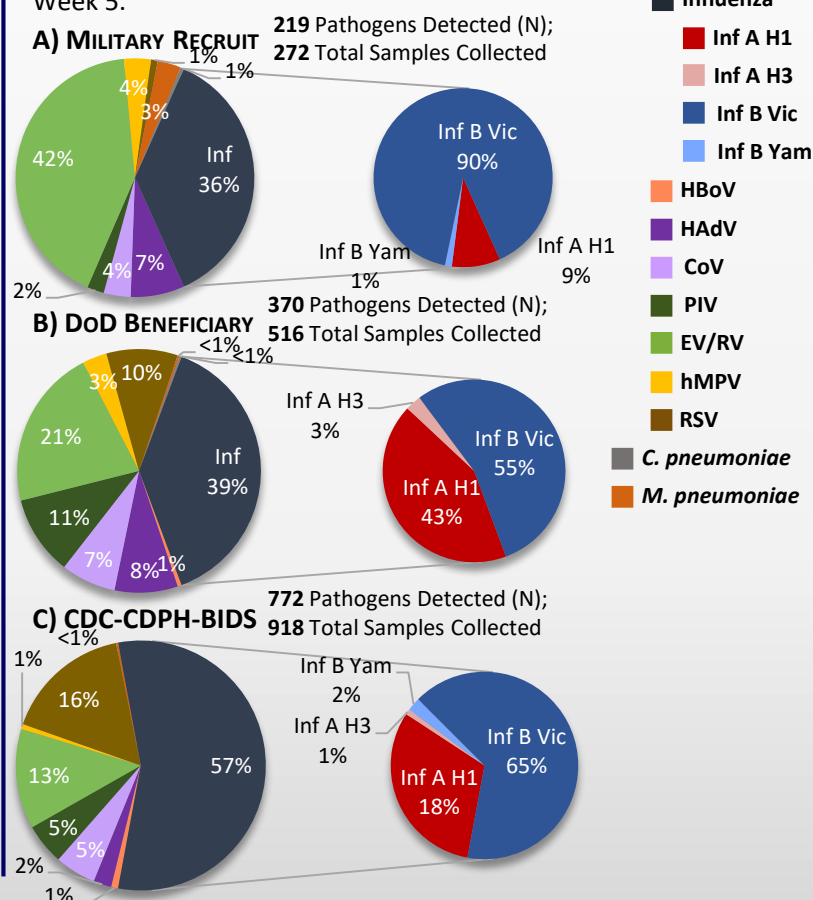
	Military Recruit	DoD Beneficiary	CDC-CDPH-BIDS
<b>Total Received Samples</b>	<b>12</b>	<b>62</b>	<b>92</b>
<b>Total Tested Samples</b>	<b>12</b>	<b>62</b>	<b>92</b>
<b>Total Positive Samples<sup>1</sup></b>	<b>9</b>	<b>41</b>	<b>76</b>
<b>% Positive</b>	<b>75%</b>	<b>66%</b>	<b>83%</b>
Influenza A H1	2	17	36
Influenza A H3	-	-	1
Influenza B Yamagata (Yam)	-	-	-
Influenza B Victoria (Vic)	6	6	8
Adenovirus (HAdV)	-	-	3
Coronavirus (CoV)	1	5	4
Parainfluenza (PIV)	-	3	1
Rhinovirus/Enterovirus (RV/EV)	-	8	17
Metapneumovirus (hMPV)	1	1	-
Respiratory Syncytial Virus (RSV)	-	4	14
Bocavirus (HBoV)	-	-	1
<i>C. pneumoniae</i>	-	-	-
<i>M. pneumoniae</i>	-	-	-

<sup>1</sup> Includes samples that tested positive for multiple pathogens

## FISCAL YEAR TO DATE

**1 OCT 2019 – 1 FEB 2020**

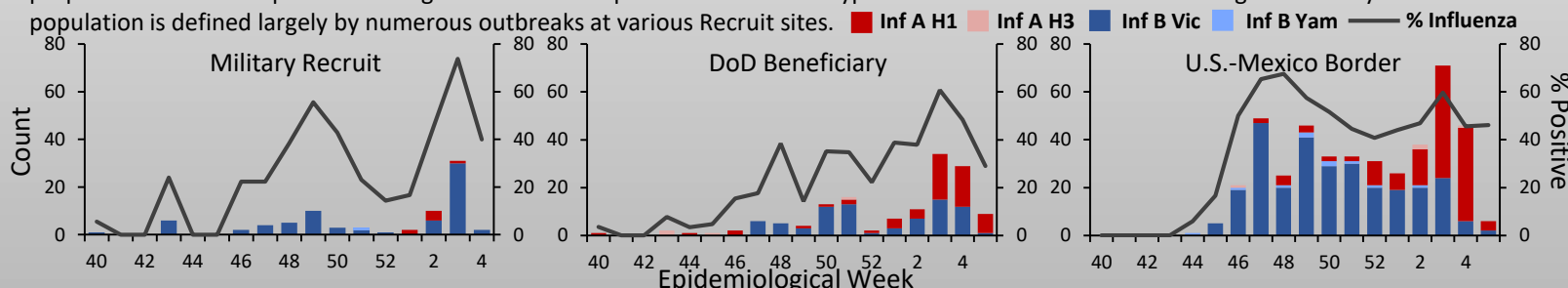
**Figure 1.** Breakdown of FRI pathogens collected through Epi Week 5.



## INFLUENZA INCIDENCE, FISCAL YEAR TO DATE

**1 OCT 2019 – 1 FEB 2020**

**Figure 2.** Influenza incidence, by type, among Military Recruit, DoD Beneficiary, and U.S.-Mexico Border populations, overlaid with the proportion that tested positive among all collected samples for all influenza types. Note: influenza incidence among the Military Recruit population is defined largely by numerous outbreaks at various Recruit sites. ■ Inf A H1 ■ Inf A H3 ■ Inf B Vic ■ Inf B Yam — % Infl



**FRI Recruit Surveillance Sites:** Marine Corps Recruit Depot San Diego, Marine Corps Recruit Depot Parris Island, Recruit Training Command Great Lakes, Fort Leonard Wood, Fort Benning, Fort Jackson, Lackland Air Force Base, Coast Guard Training Center Cape May.

**FRI DoD Beneficiary Surveillance Sites:** Branch Health Clinic Yuma/Marine Corps Air Station Yuma, Naval Hospital Camp Pendleton, Captain James A. Lovell Federal Health Care Center (Naval Hospital Great Lakes), Robert E. Bush Naval Hospital Twenty Nine Palms, Naval Training Center San Diego, Naval Medical Center San Diego, Naval Branch Health Clinic Kearny Mesa, Naval Health Clinic Lemoore, Naval Hospital Yokosuka, Naval Branch Health Clinic Naval Base San Diego, Naval Medical Center Portsmouth, Boone Branch Health Clinic, Oceana Branch Health Clinic.

**CDC-CDPH Border Infectious Disease Surveillance Sites:** Clínica de Salud del Pueblo Brawley, Clínica de Salud del Pueblo Calexico, Clínica de Salud del Pueblo El Centro, San Ysidro Health Center, Pioneers Memorial Healthcare, El Centro Regional Medical Center, Sharp Chula Vista Hospital, Mexicali General Hospital.

**Febrile Respiratory Illness (FRI) Case Definition:** Fever of 100.5 °F AND cough or sore throat. Note: lab test results from samples received by NHRC-OID during the indicated dates.

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## CUMULATIVE FRI INCIDENCE AMONG MILITARY RECRUITS

29 SEP 2019 – 1 FEB 2020

**Figure 4.** Recruits meeting FRI case definition from start of current fiscal year to date. Overall incidence rate (per 1,000 recruits) is shown in red. Note: site graphs are individually scaled; a rate of 1.0 is highlighted for reference.

